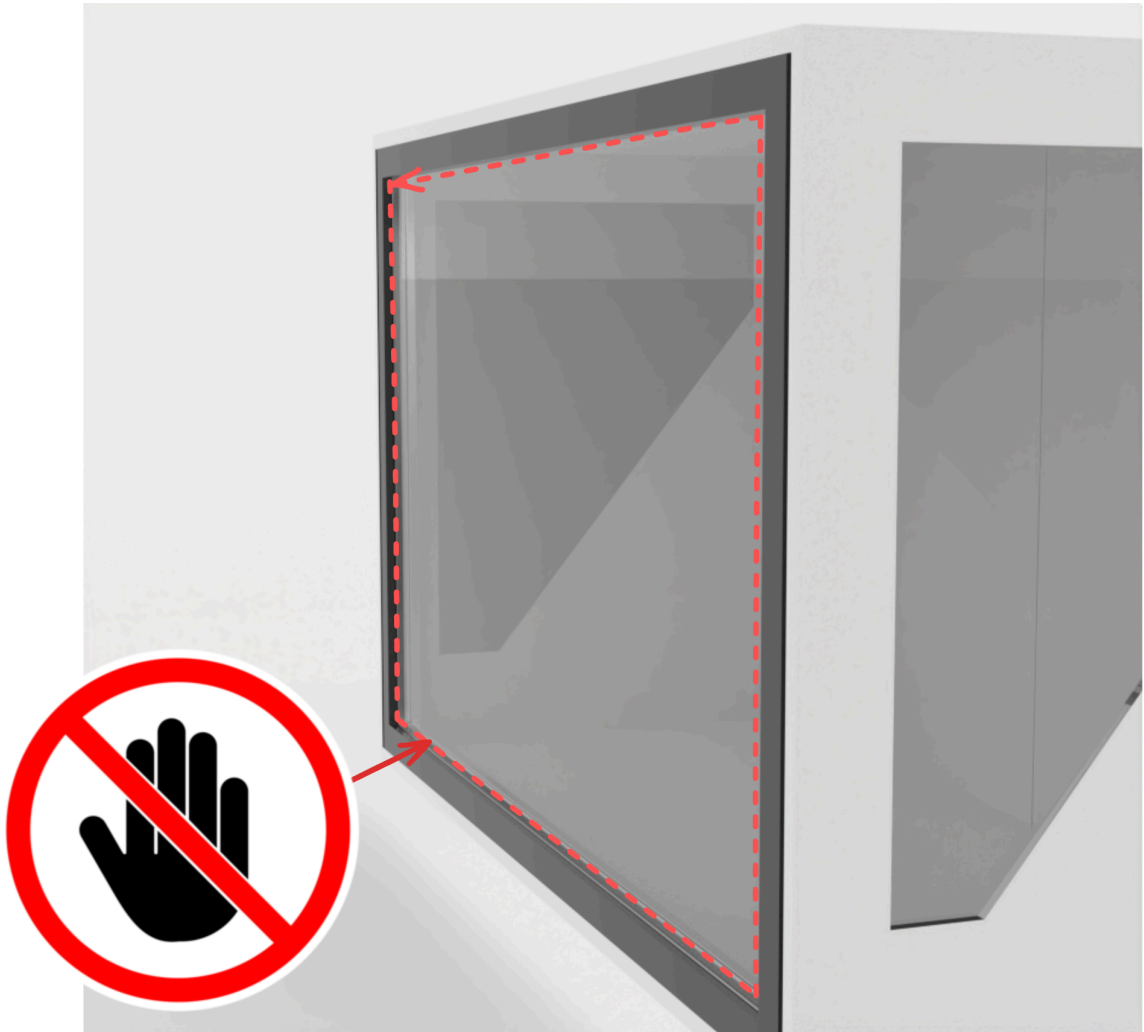


## RATP Model Installation Guide

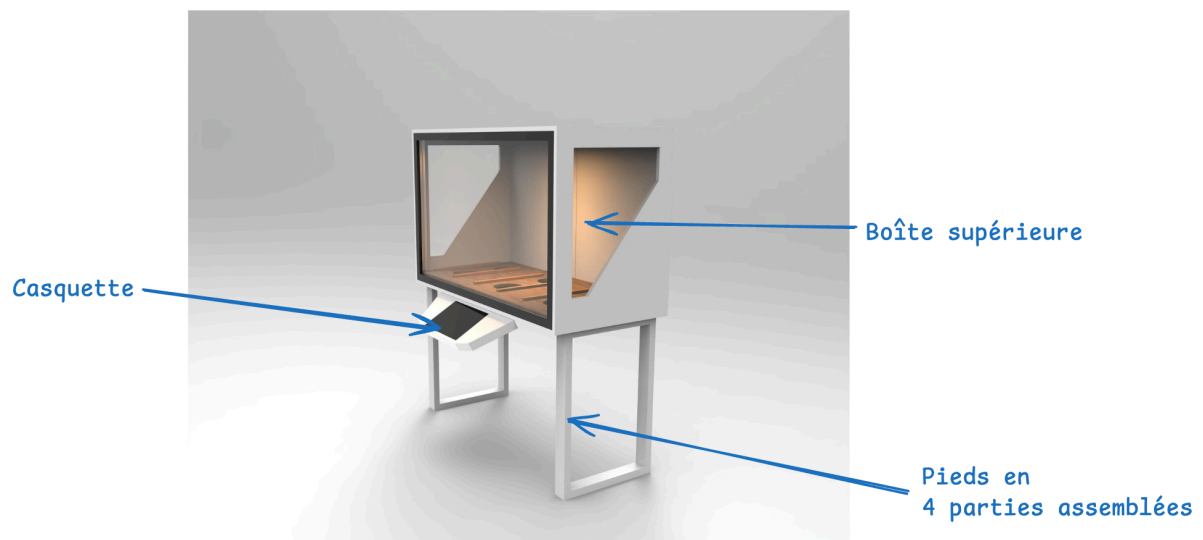
**⚠ Warning:** The edge of the touchscreen is made up of an infrared detection strip.

**Do not lean or press on this strip during handling.**

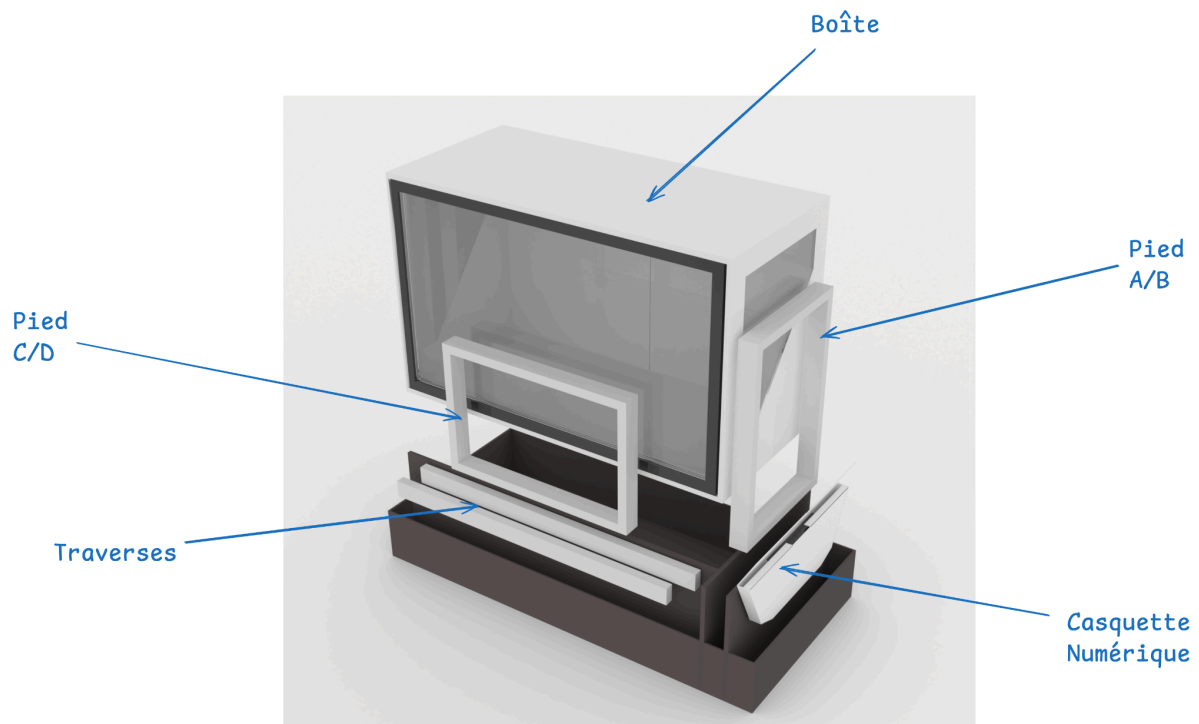


## Overview:

The model is placed in a wooden box with a touchscreen front. It is mounted on a metal base similar to a table leg, composed of four sections. A digital hood fits at the front, under the touchscreen.



The full setup (box, stand, digital hood) is stored in a flight case.



### **Summary of Installation Steps:**

1. Open the flight case
2. Remove the stand parts and the digital hood
3. Remove the 3 divider panels
4. Assemble the stand
5. ⚠ Carefully slide the box to the center of the flight case
6. Place and screw the box onto the stand
7. Open and install the digital hood
8. Connect and close the hood
9. Connect the power and start the system

### **Tools Required:**

- 1x 13 mm wrench
- 1x Allen key (2 provided)
- 8x Black Allen screws (provided)
- 8x Long 13 mm hex bolts (provided)
- 5x Short 13 mm hex bolts (provided)
- 6x Phillips screws (already installed in the hood)

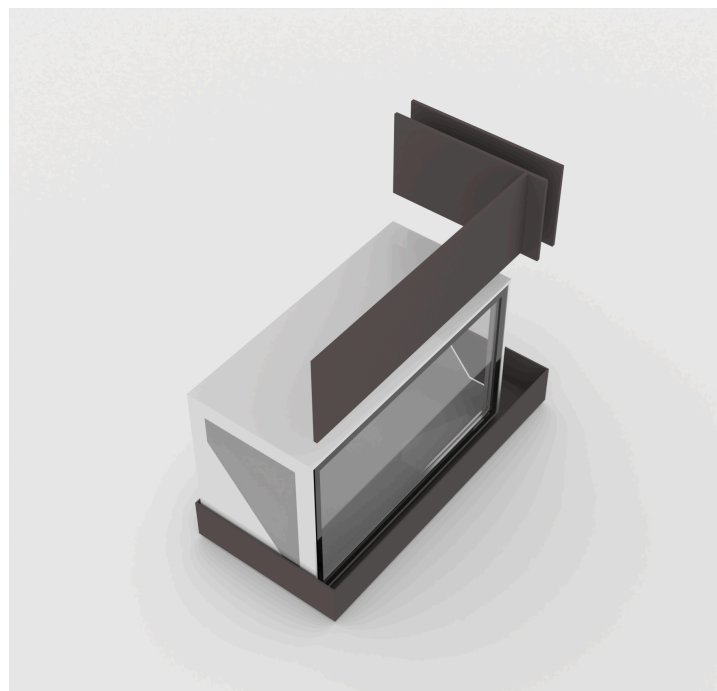
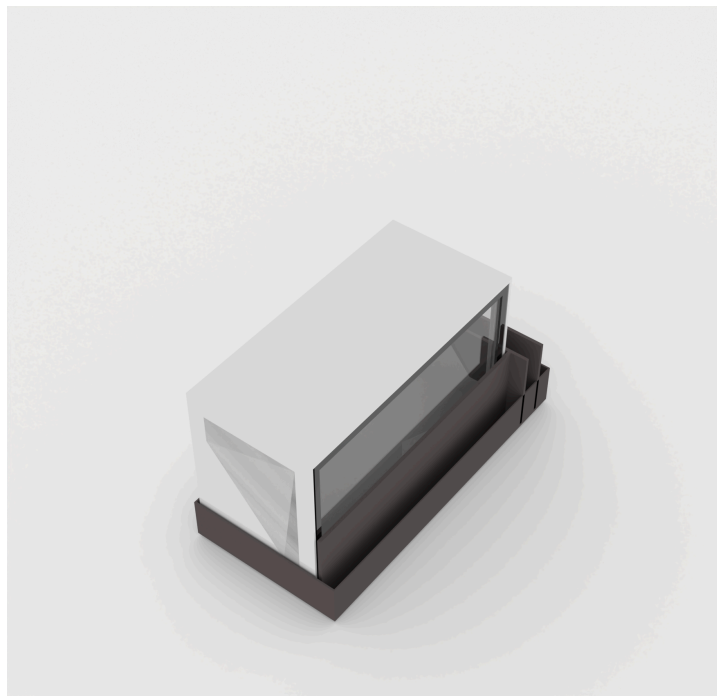


# Installation Instructions

## 1. Opening the Flight Case:

1. Open the two top lids of the flight case
2. Take out all stand elements
3. Take out the digital hood
4. Take out the 3 divider panels
5. ⚠ Do not move the box

➡ Proceed to assemble the stand



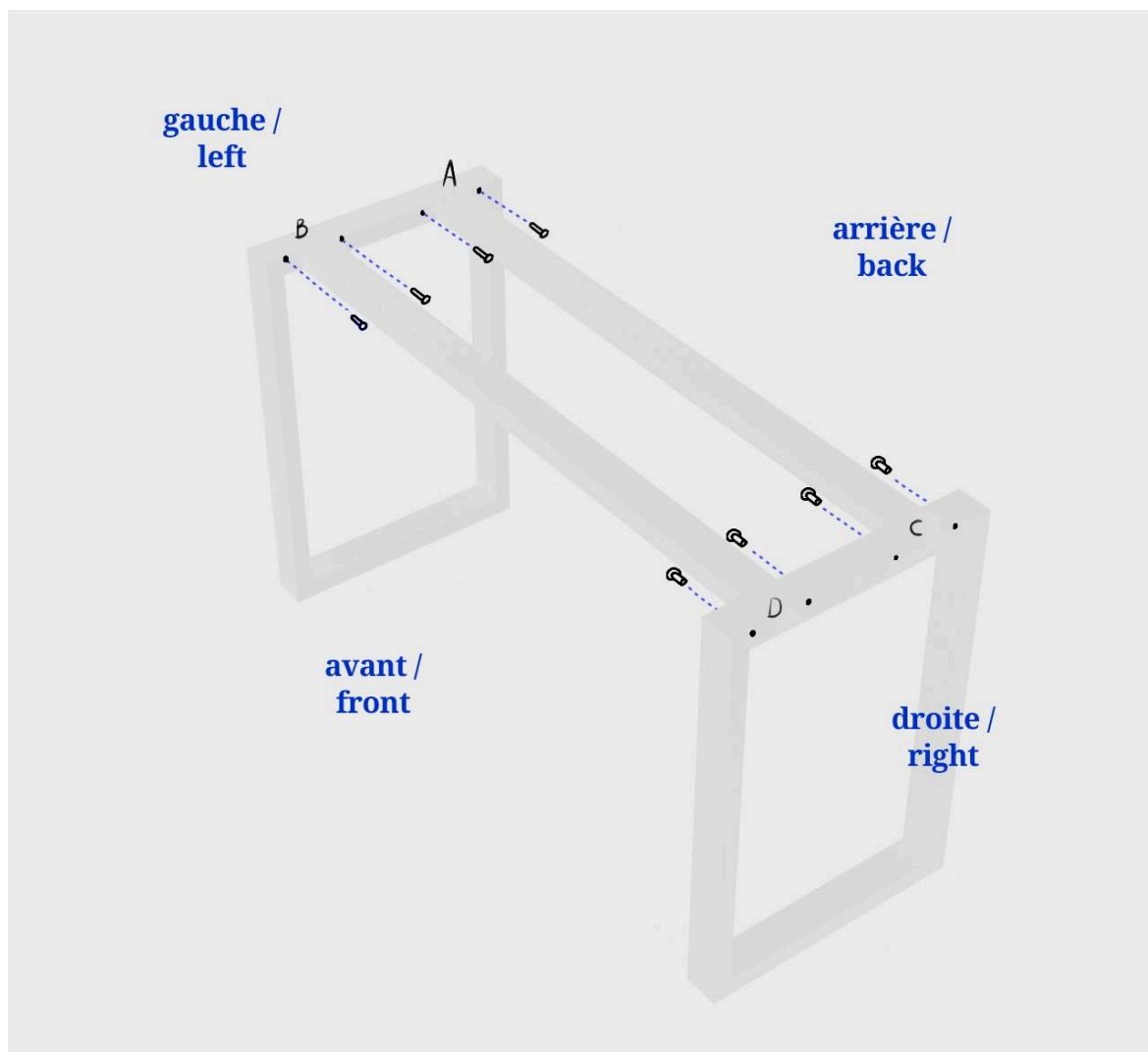
## 2. Assembling the Stand

The stand consists of:

- 2 vertical legs
- 2 horizontal crossbars
- 

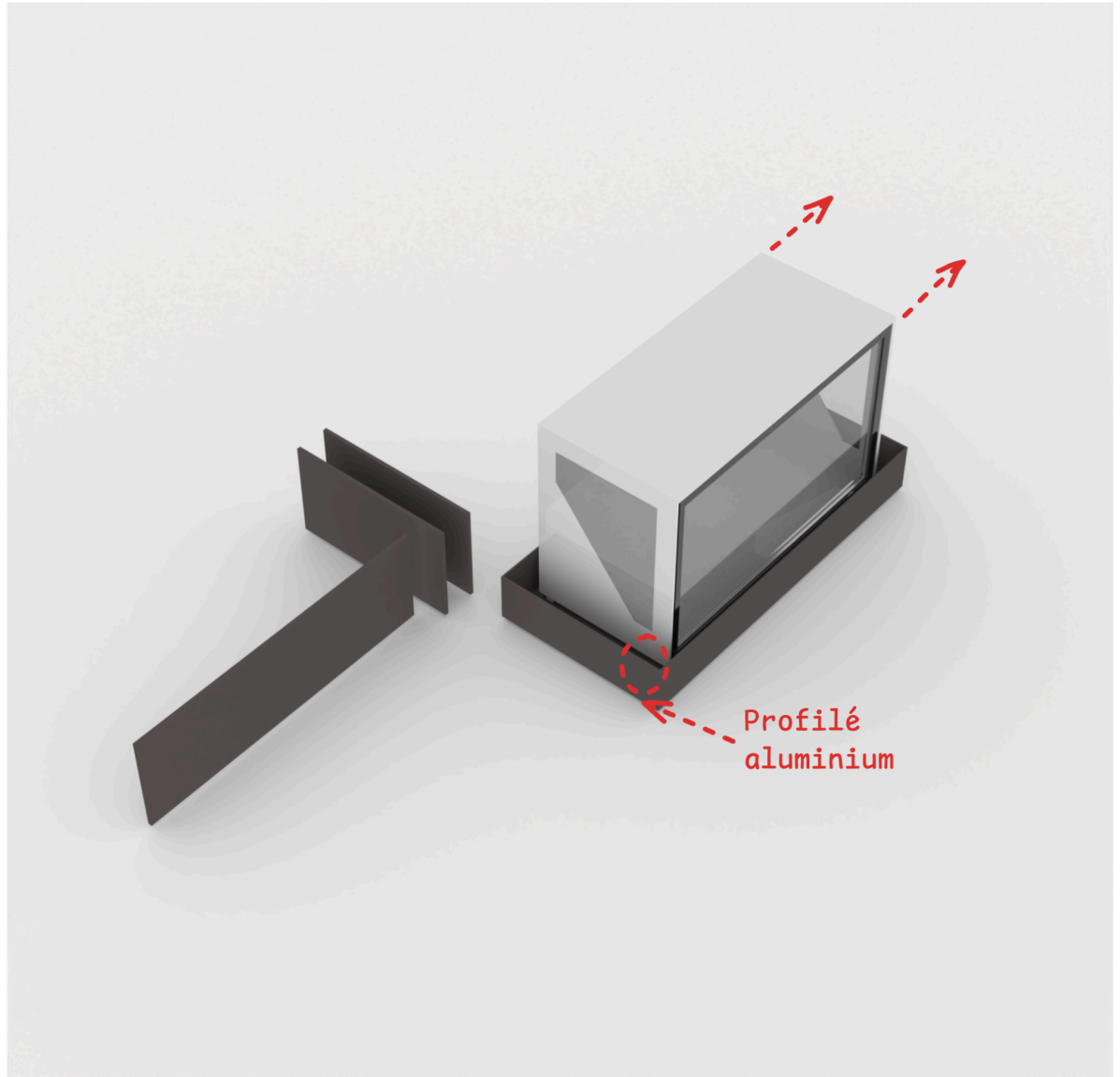
 **1 Allen key | 8 Black Allen screws**

Attach the crossbars to the legs, respecting A/B/C/D markings. Use the 8 black Allen screws. Tighten loosely at first. Final tightening will be done once the box is in place for proper alignment.



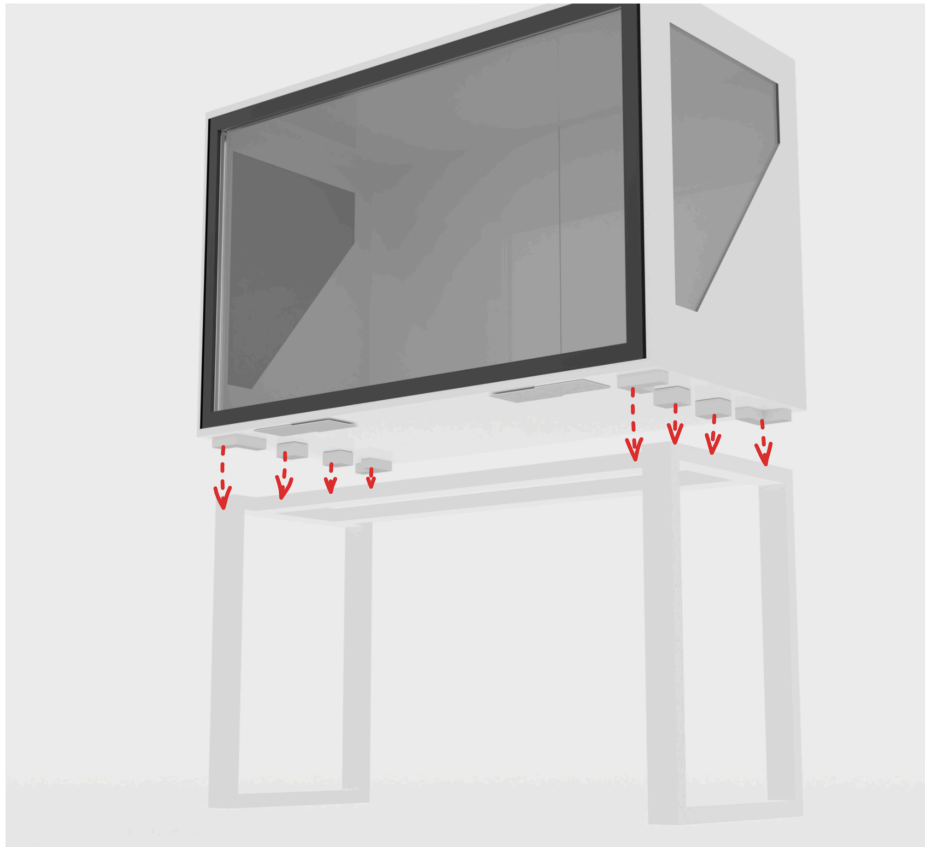
### 3. Installing the Box on the Stand:

3.1 ⚠ Gently slide the box to the center of the flight case to avoid hitting the aluminum divider rails.



3.2 Place the box onto the metal stand.

- Guide pads are fixed under the box for correct positioning
- ⚠ Make sure not to crush the USB-C and power cables coming out from underneath the box.
- The front with the screen should align with points B and D of the stand.

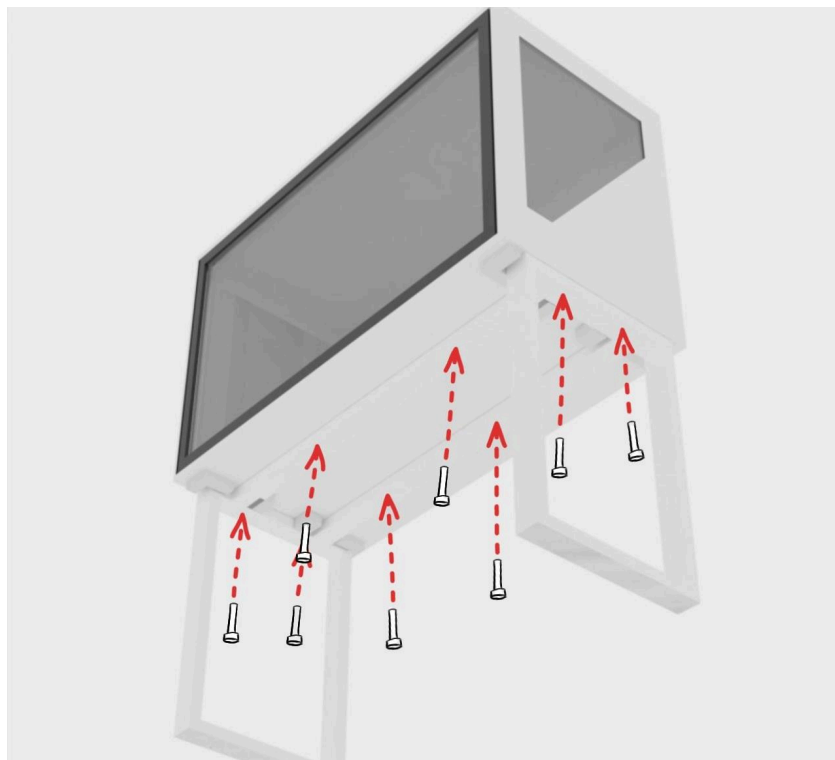


- Once correctly aligned, finish tightening the 8 black Allen screws.

### 3.3 Screw the box onto the metal stand.

 **1x 13 mm wrench | 8x long 13 mm gray bolts**

- Position yourself under the stand
- Insert and screw 8 bolts (2 per leg, 2 per crossbar)



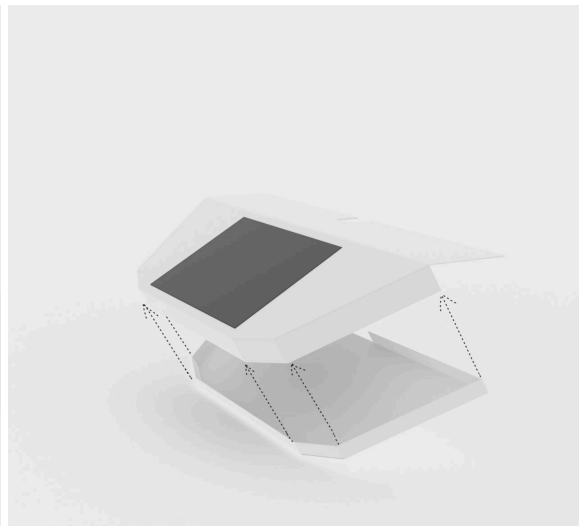
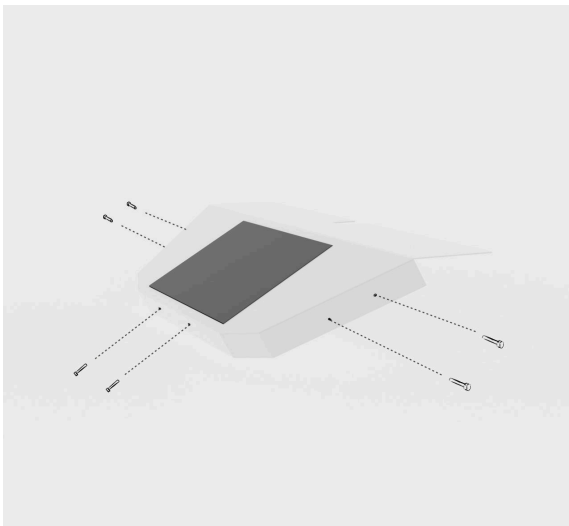
## 4. Installing the Digital Hood

The hood is composed of two parts (top and bottom) joined by 6 Phillips screws. It must be opened to connect the screen's USB-C and power cables.

### 4.1 Openings

 **1 Phillips screwdriver**

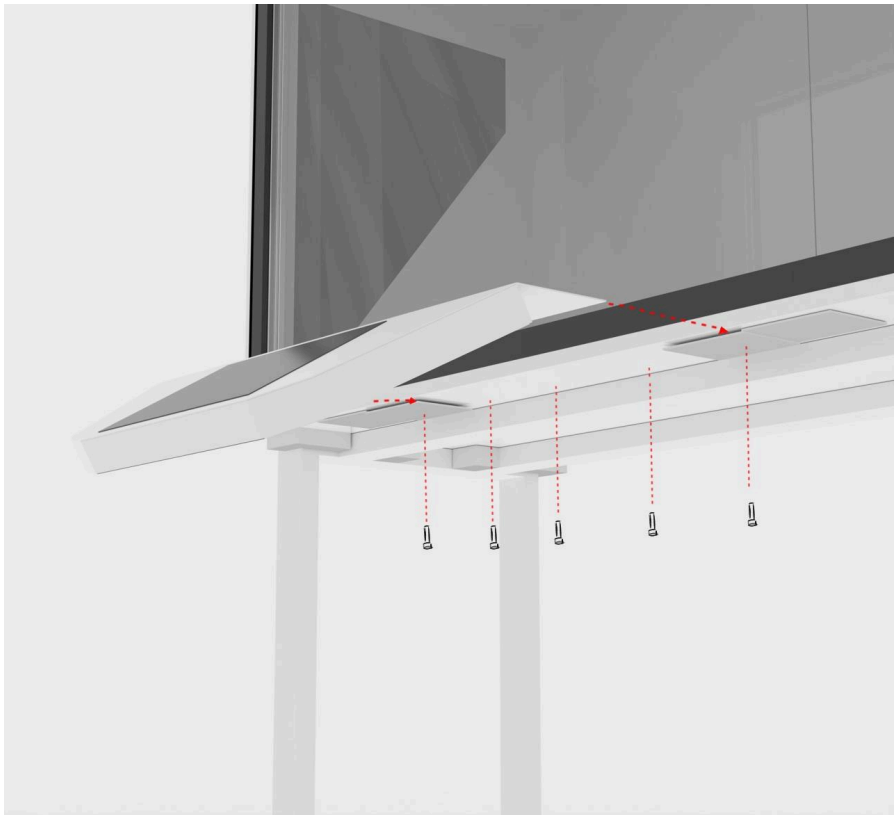
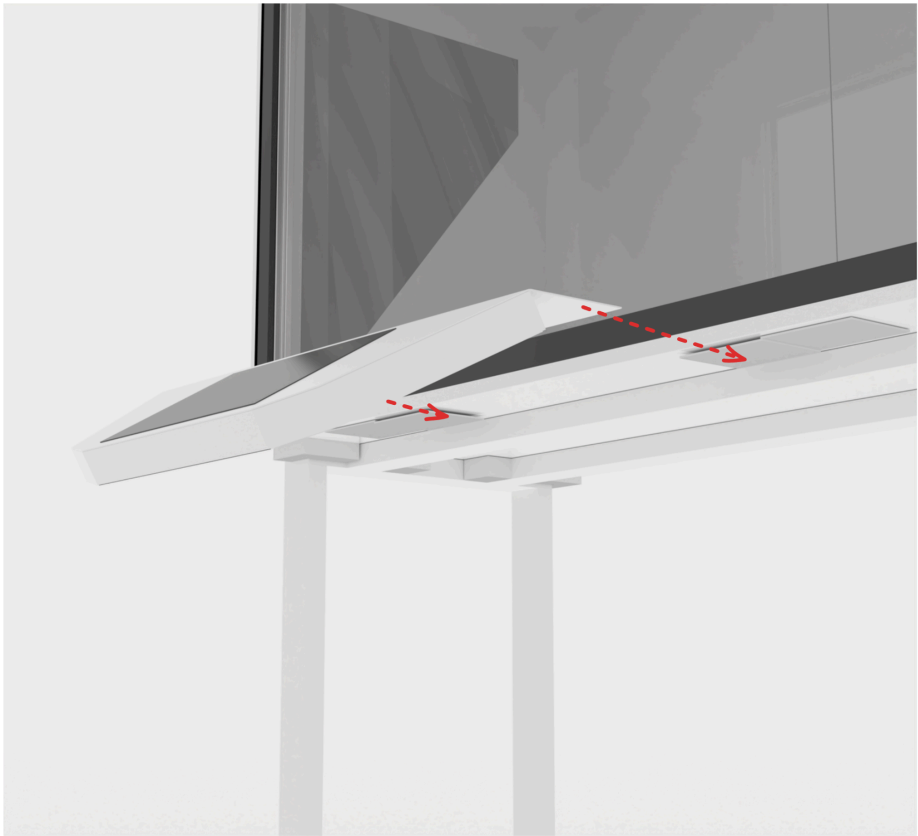
- Unscrew the 6 side screws while supporting the bottom part to prevent it from falling.



### 4.2 Mounting to the Box

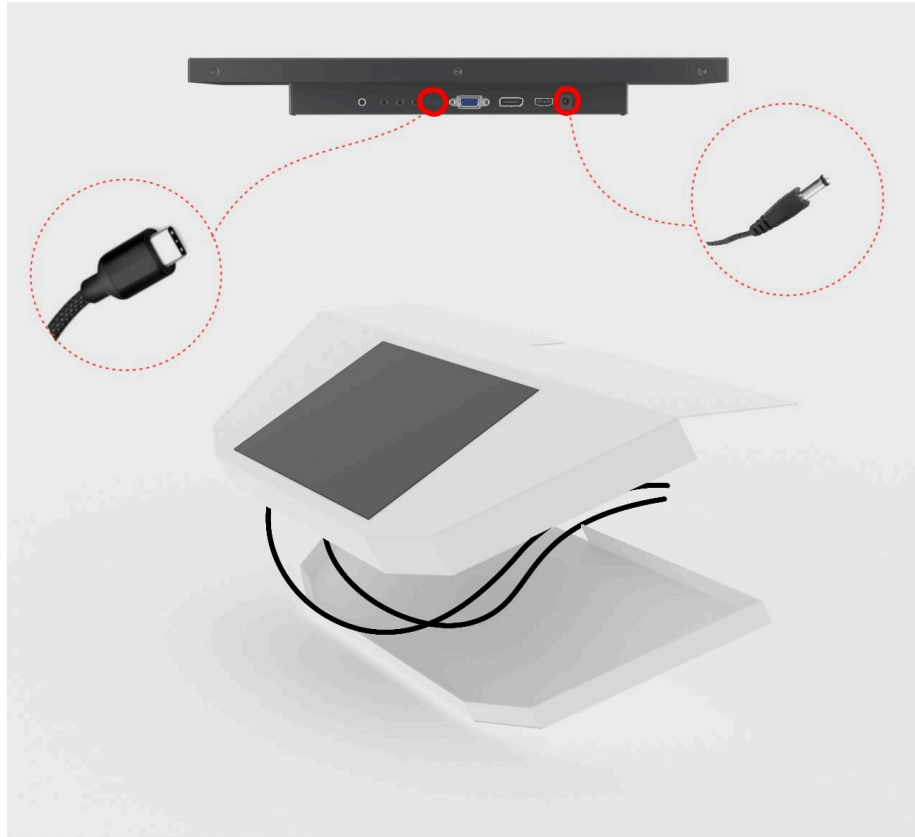
 **13 mm wrench | 5x short 13 mm gray bolts**

- Stand in front of the touchscreen
- Slide the flat back of the hood into the metal guide rails under the box.
- Align holes and screw in 5 bolts (1 per rail + 3 between the rails)



### 4.3 Wiring

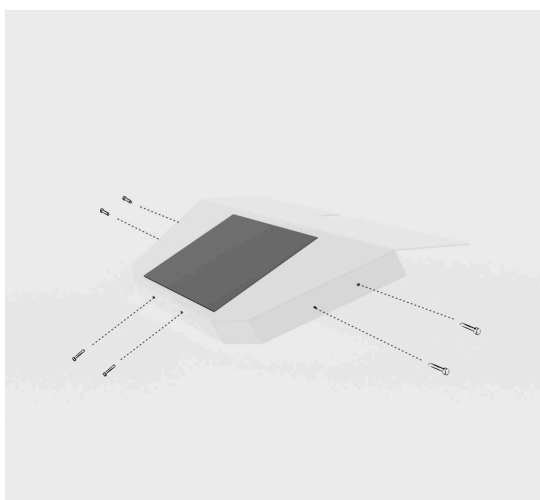
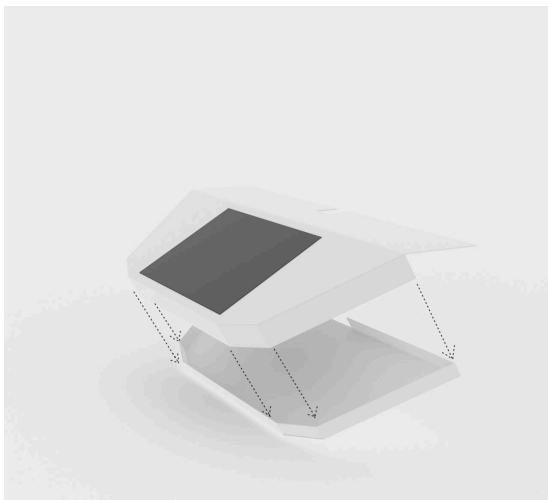
- Connect the USB-C cable (from the box) to the screen's USB-C input
- Connect the screen's power cable to its dedicated port
- Route both cables through the rear opening



### 4.4 Closing

 1 Phillips screwdriver | 6 Phillips screws

- Reposition the bottom part and secure it with the 6 screws





## Electrical Connection and Startup

The box requires 220V power. An extension cord is embedded in leg A/B, at the rear left of the model.

### 5.1 Connecting the Stand to the Box

Plug the male “choco” connector (top of leg A/B) into the female “choco” socket under the box, back left corner. ⚠ The cable is just long enough; gently pull if needed.



prise choco mâle



prise choco femelle

### 5.2 Connecting the Stand to the Power Source

Plug the male 220V power cable (bottom of leg A/B) into a wall socket. Once plugged in, the model lights up and the computer boots up.

### 5.3 Starting the Application

The PC starts automatically when power is applied. Ubuntu OS will appear on the screen.

Wait ~2 minutes for full startup. Double tap the RATP logo on the desktop to start the digital app. It will open in full screen.

# Uninstallation

## Summary of Steps:

1. Power off and unplug
2. Open and unplug the digital hood
3. Remove and close the hood
4. Unscrew the box from the stand
5. Store the box in the flight case
6. Disassemble the stand
7. Store the stand and hood in the flight case

## 1. Power Off and Disconnect

### 1.1 Shutting Down the Computer

Open the access hatch on the back of the box

Find the small black computer (11x11x5 cm)

Press the power button once Go to the screen to confirm shutdown via the popup

### 1.2 Disconnecting the Box

Unplug the male “choco” plug (top of leg A/B) from the female socket under the box



prise choco mâle



prise choco femelle

### 1.3 Disconnecting Power

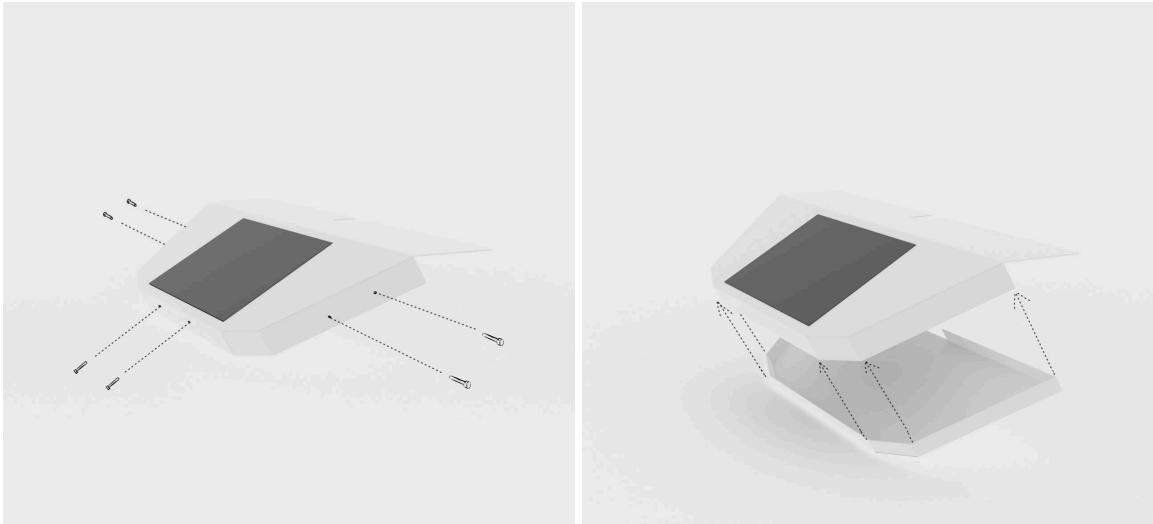
Unplug the male 220V power cable from the socket

## 2. Removing the Digital Hood

### 2.1 Opening

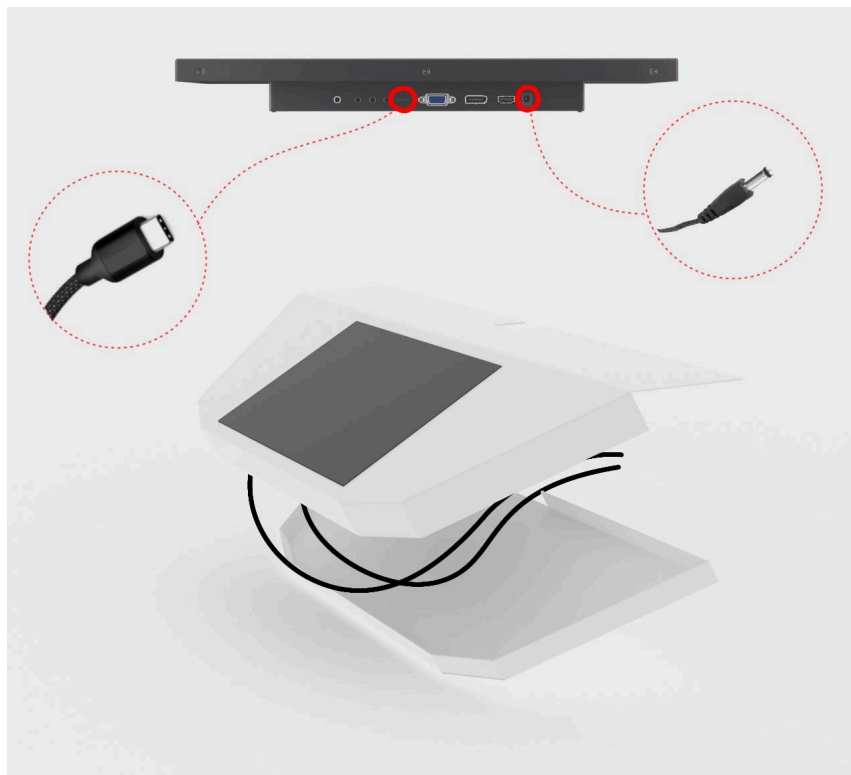
 **Phillips screwdriver**

- Unscrew the 6 side screws while supporting the bottom part.



### 2.2 Unplugging

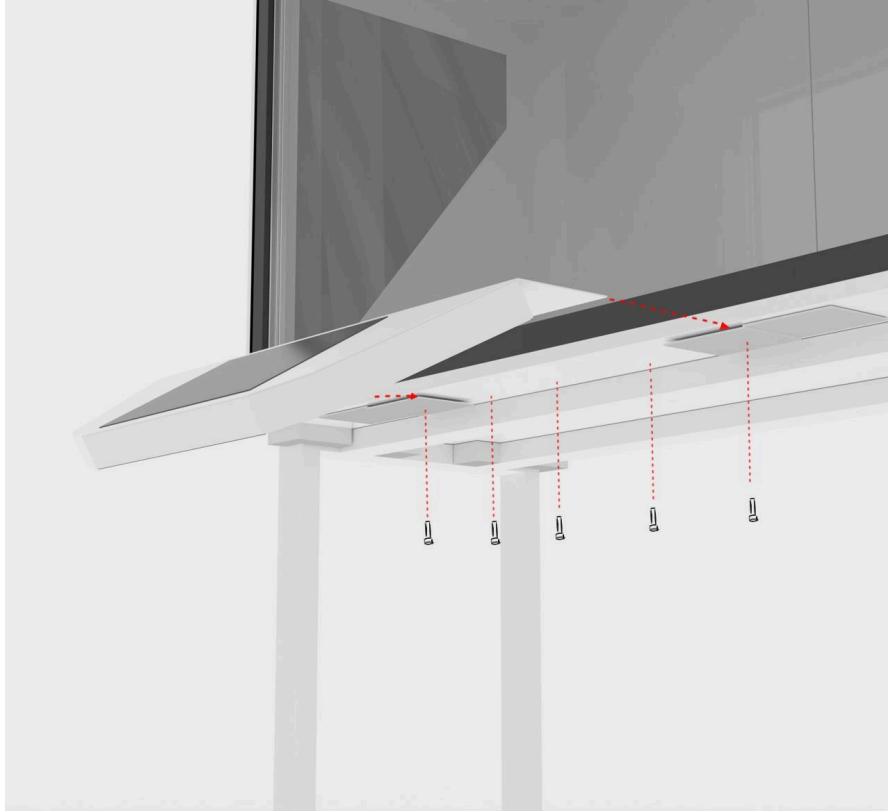
- Disconnect the USB-C and power cables from the screen



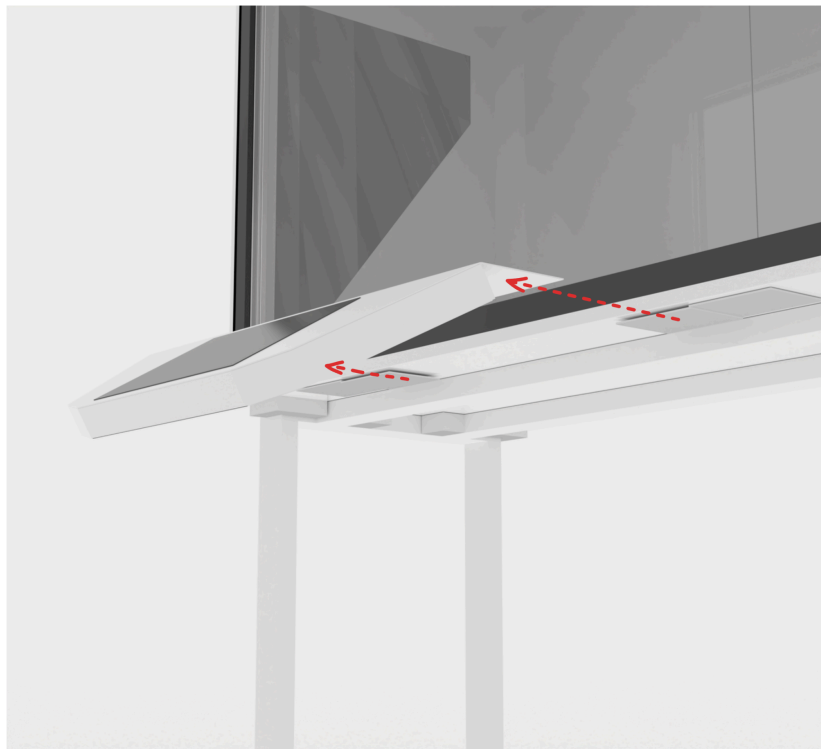
## 2.3 Removing the Hood

🔧 13 mm wrench | 5x short 13 mm gray bolts

- Position yourself under the hood
- Unscrew the 5 bolts and store them in the “Ripaton” bag



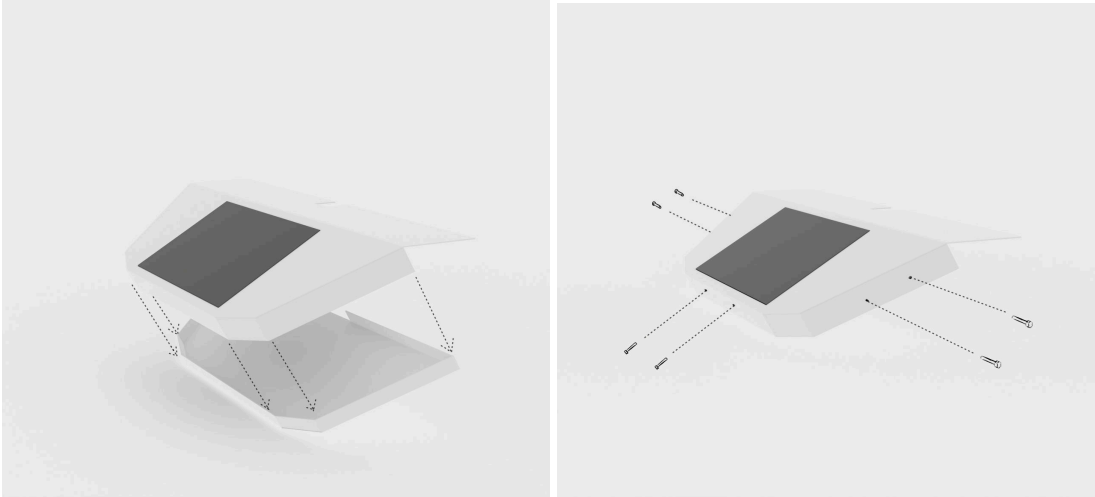
- Slide the hood forward to release from guide rails



## 2.4 Closing

🔧 1 Phillips screwdriver | 6 screws

- Reposition the bottom and screw it shut



## 3. Removing and Storing the Box

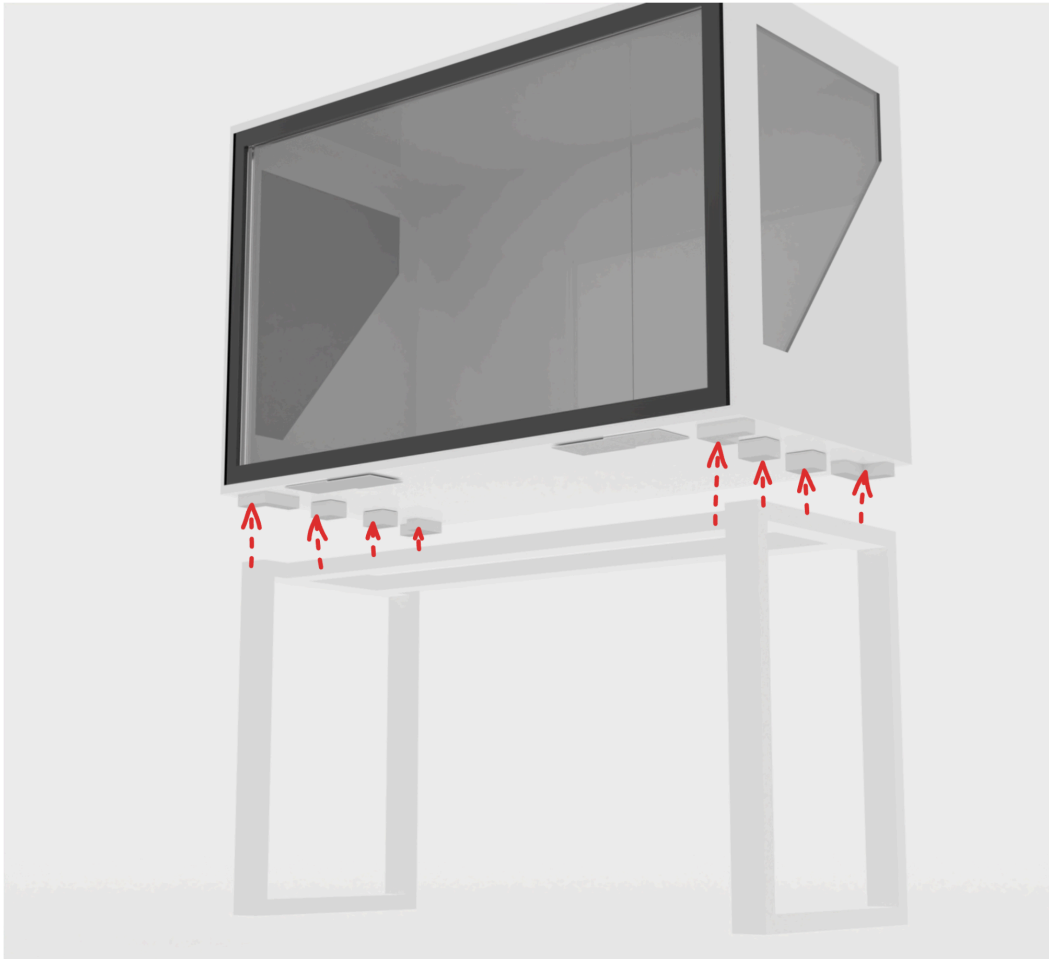
### 3.1 Unscrewing the Box from the Stand.

🔧 13 mm wrench | 8x long 13 mm gray bolts

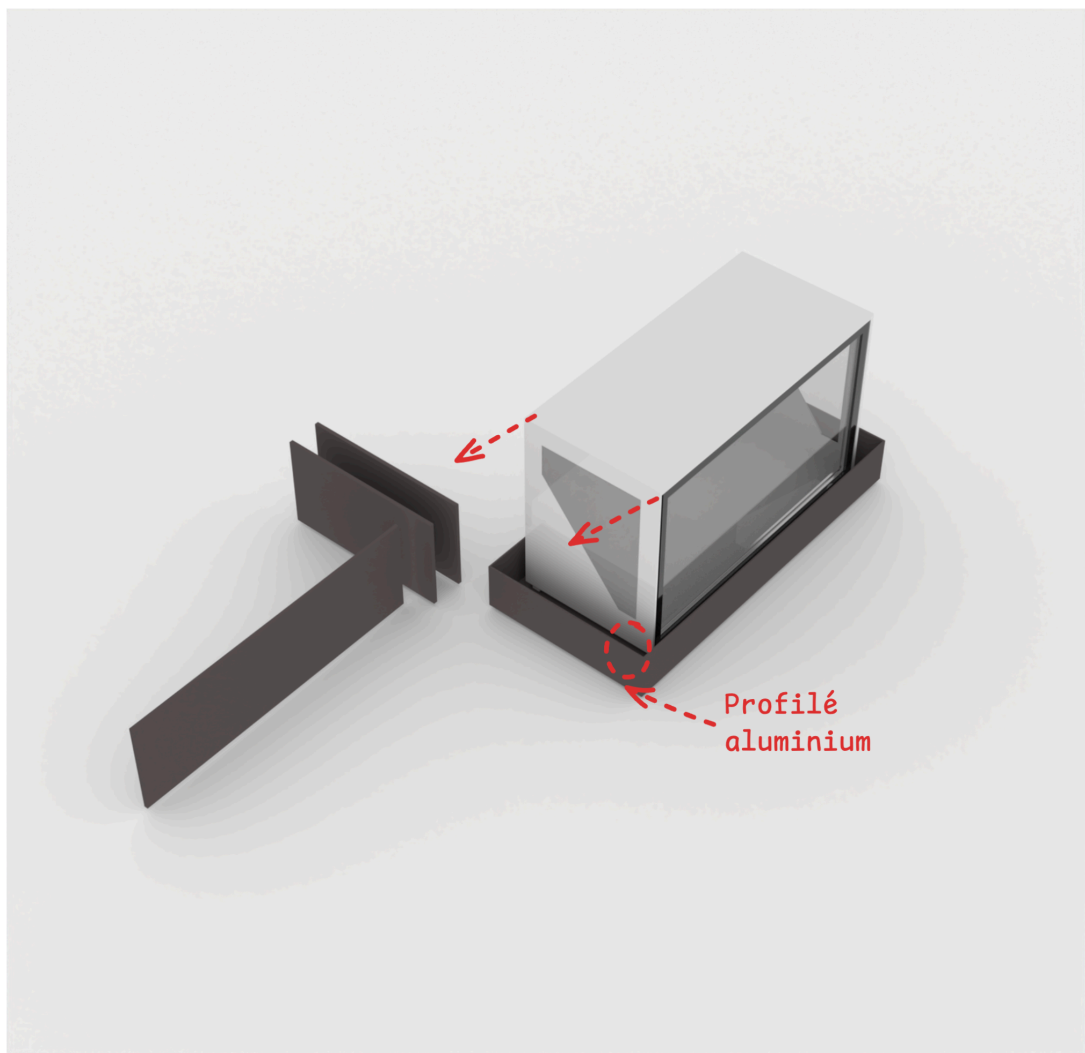
- Position yourself under the stand
- Unscrew 8 bolts (2 per leg, 2 per crossbar) and store in “Ripaton” bag

### 3.2 Placing the Box in the Flight Case.

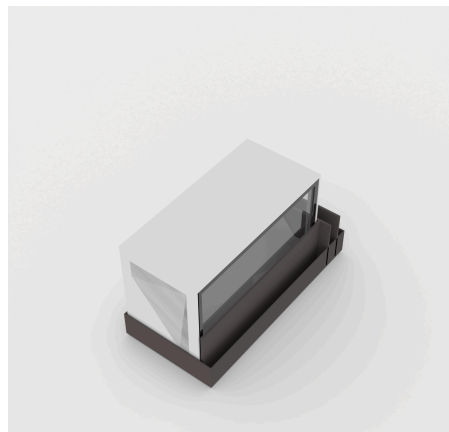
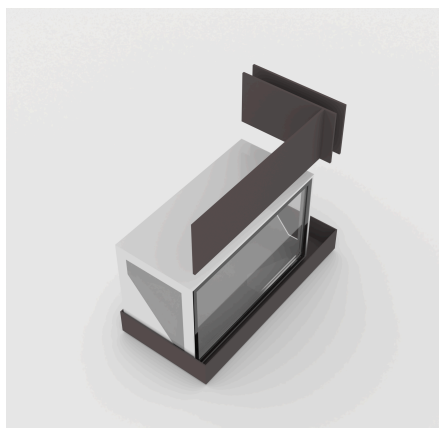
- Lift the box off the stand



- ⚠ Place it in the center and slide gently into final position (corner of the case), avoiding the rails.



- Reinstall the divider panels

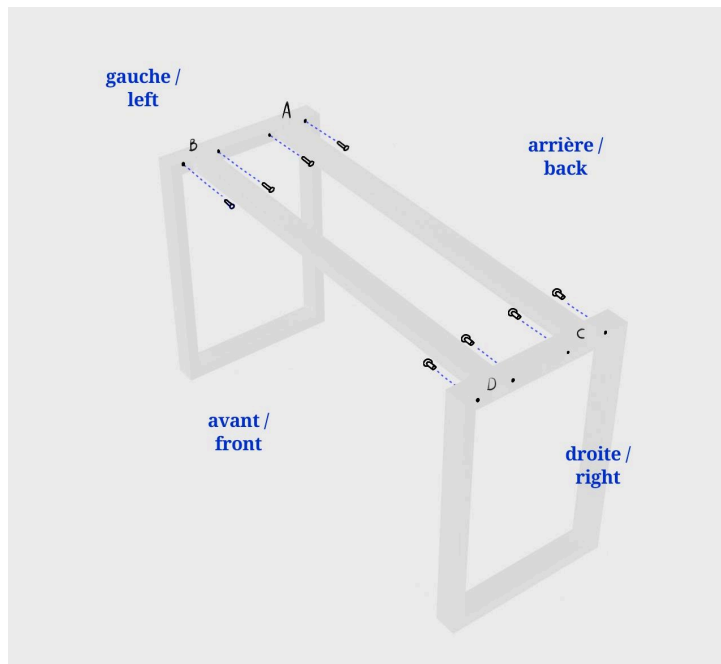




## 4. Dismantling the Stand

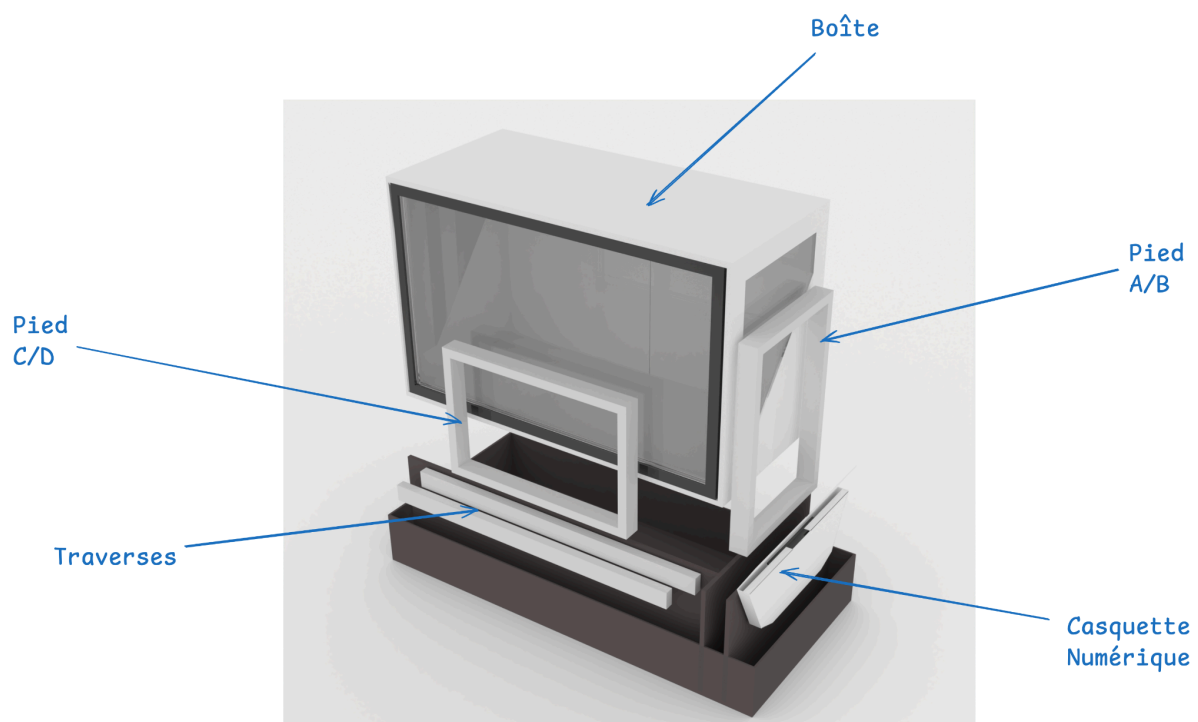
 **Allen key | 8 Black Allen screws**

Unscrew the 8 screws holding crossbars to legs Store screws in the “Ripaton” bag



## 5. Storing the Stand and Hood

You can now return all components to the flight case:



1. Place the two crossbars side by side, on their narrow edge, along the large panel
2. Insert foam between them and add another on top
3. Lay leg C/D horizontally on top; secure with the long strap using side hooks
4. Place the second leg vertically along the short wall next to the box; secure with the small strap
5. In the remaining space, insert foam blocks and place the hood (screen toward the box, wide guide up)
6. Add the "Ripaton" bag with screws and tools
7. Close the flight case



## Technical Support

If you need help, don't hesitate to contact us

### **SAV : Twelve Solutions**

- **Email :** [contact@twelve.solutions](mailto:contact@twelve.solutions)
- **Office:** +33 9 80 38 71 37
- **Emergency :** +33 6 36 94 00 60

Please provide detailed issue descriptions to assist you efficiently.